

FIG. 1

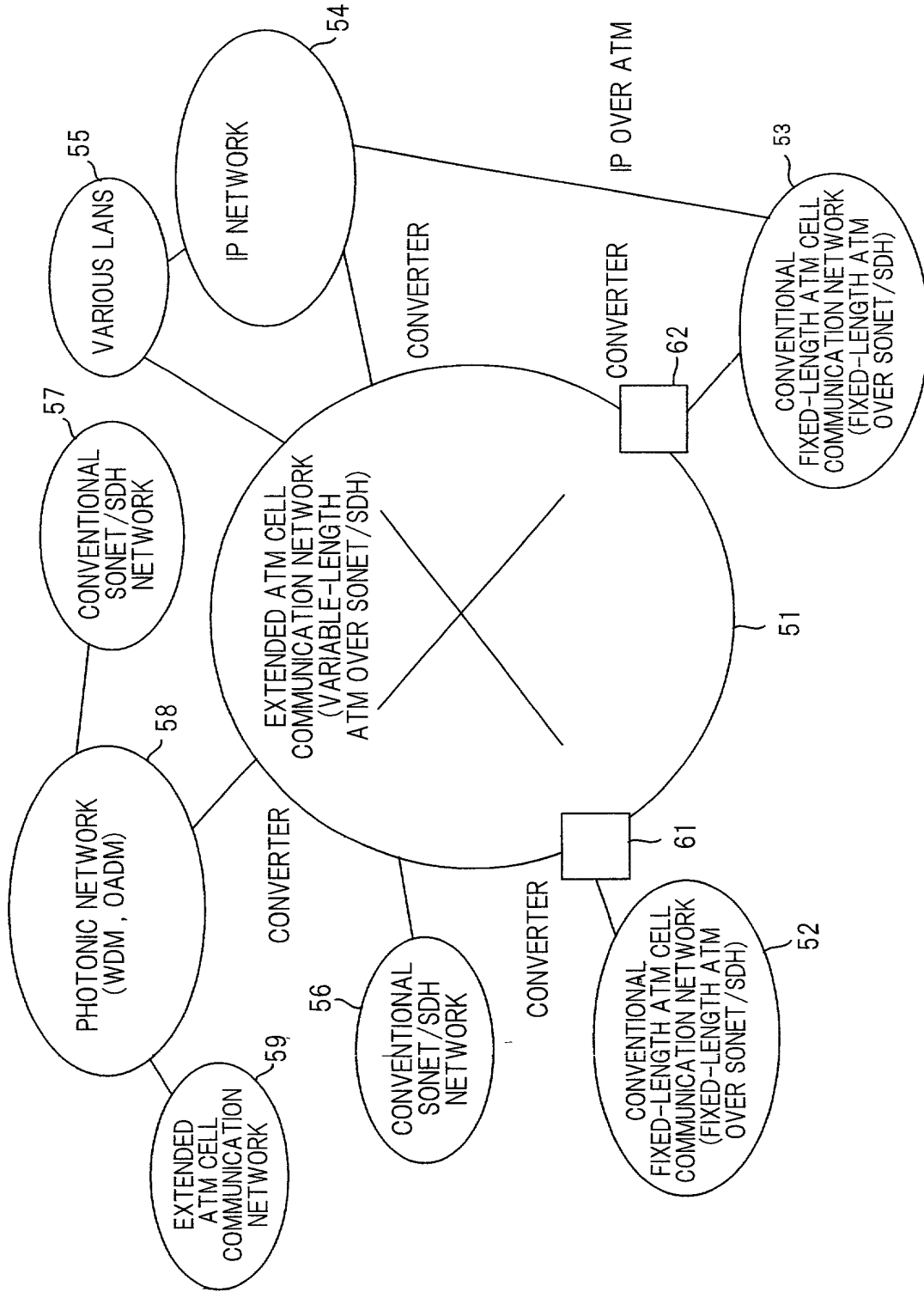


FIG. 2

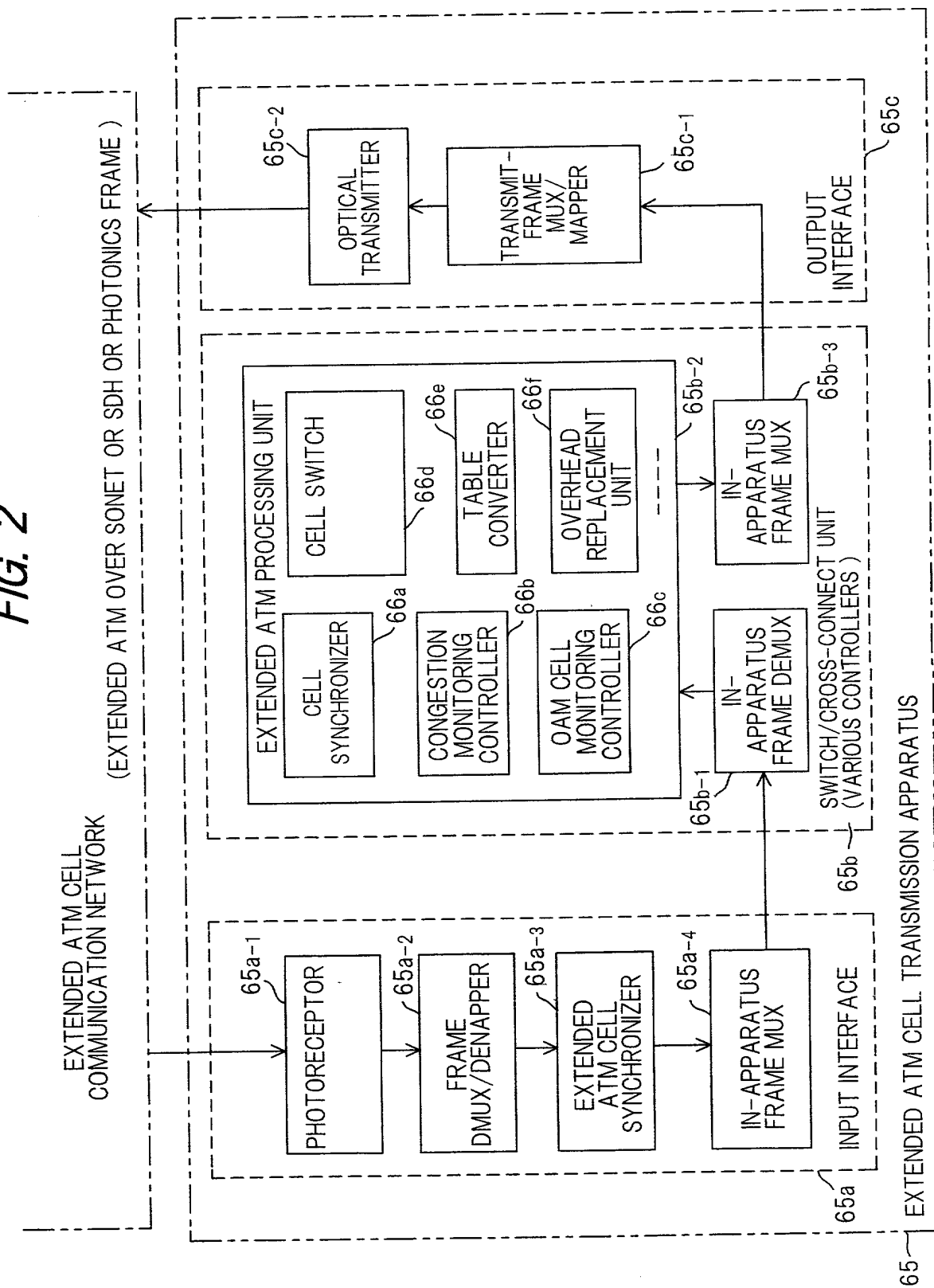
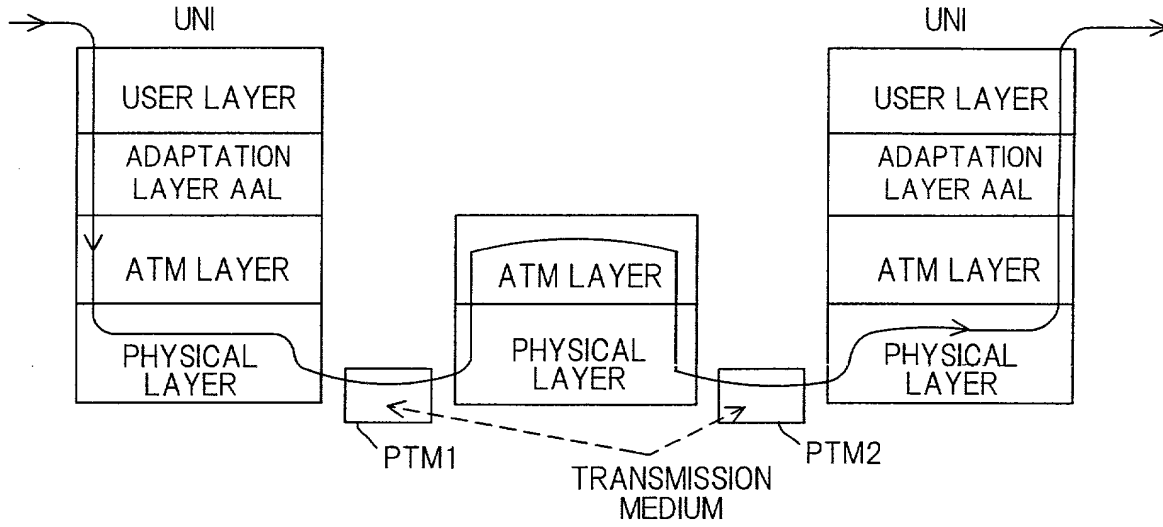
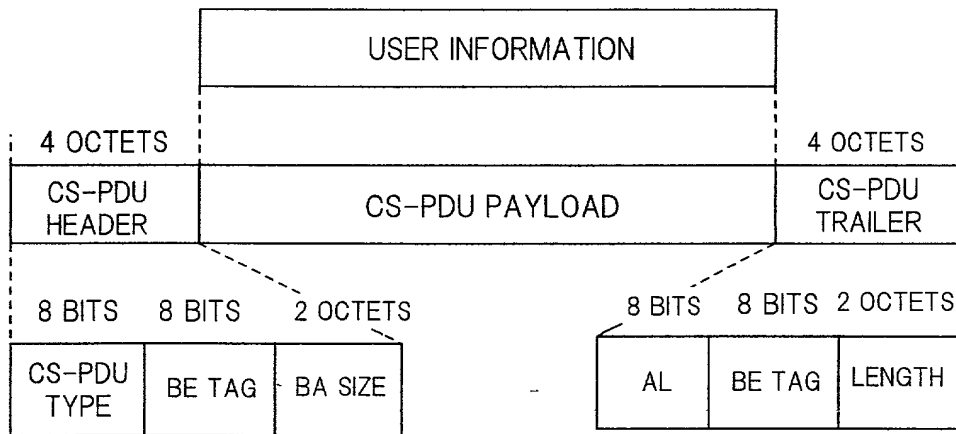


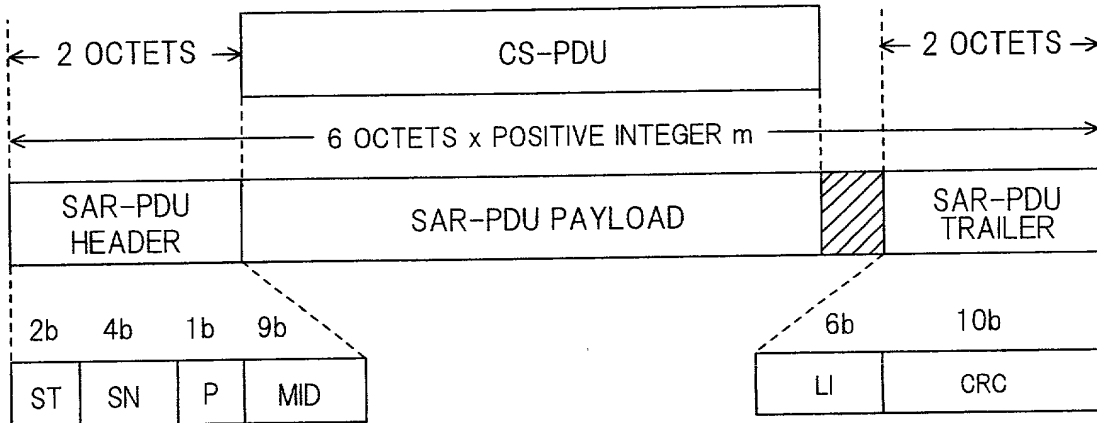
FIG. 3**FIG. 4**

BE TAG : BE TAG (HEADER, TRAILER)

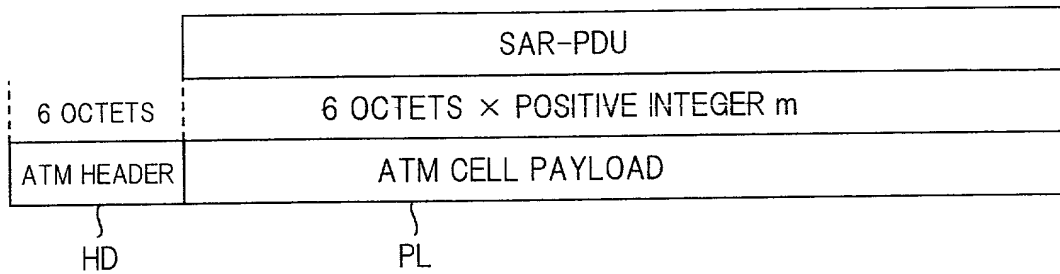
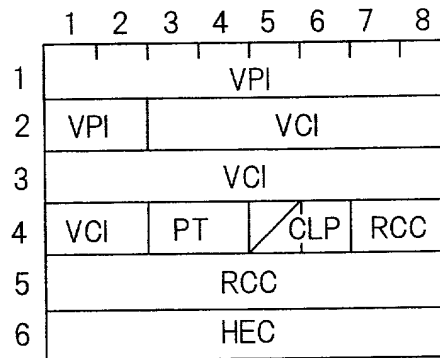
BA SIZE : BUFFER ALLOCATION SIZE

AL : ALIGNMENT

LENGTH : LENGTH DISPLAY

FIG. 5

SN : SEQUENCE NO. SN ADDITION METHOD : FREE-RUN METHOD AT EACH AAL CONNECTION
 LI : EFFECTIVE INFORMATION LENGTH IN PAYLOAD P : PRIORITY FIELD
 CRC: CYCLIC CODE $G(X) = 1 + X + X^2 + X^5 + X^9 + X^{10}$ MID : MULTIPLEX IDENTIFIER
 ST : SEGMENT TYPE (CELL-DIVIDING IDENTIFIER)

FIG. 6A**FIG. 6B**

VPI : VIRTUAL PATH IDENTIFIER

VCI : VIRTUAL CANNEL IDENTIFIER

PT : PAYLOAD TYPE

00 : USER DATA

01 : TEST DATA

CLP : CELL LOSS PRIORITY

0 : LOW PRIORITY (VOICE)

1 : HIGH PRIORITY (FAX, HDLC)

RCC : ROW OF CELL COUNT
(INDICATES WHOLE-NUMBER MULTIPLE
OF SIX OCTETS OF HEADER)

HEC : HEADER CHECK SEQUENCE
GENERATED POLYNOMIAL = $X^9 + X^2 + X + 1$

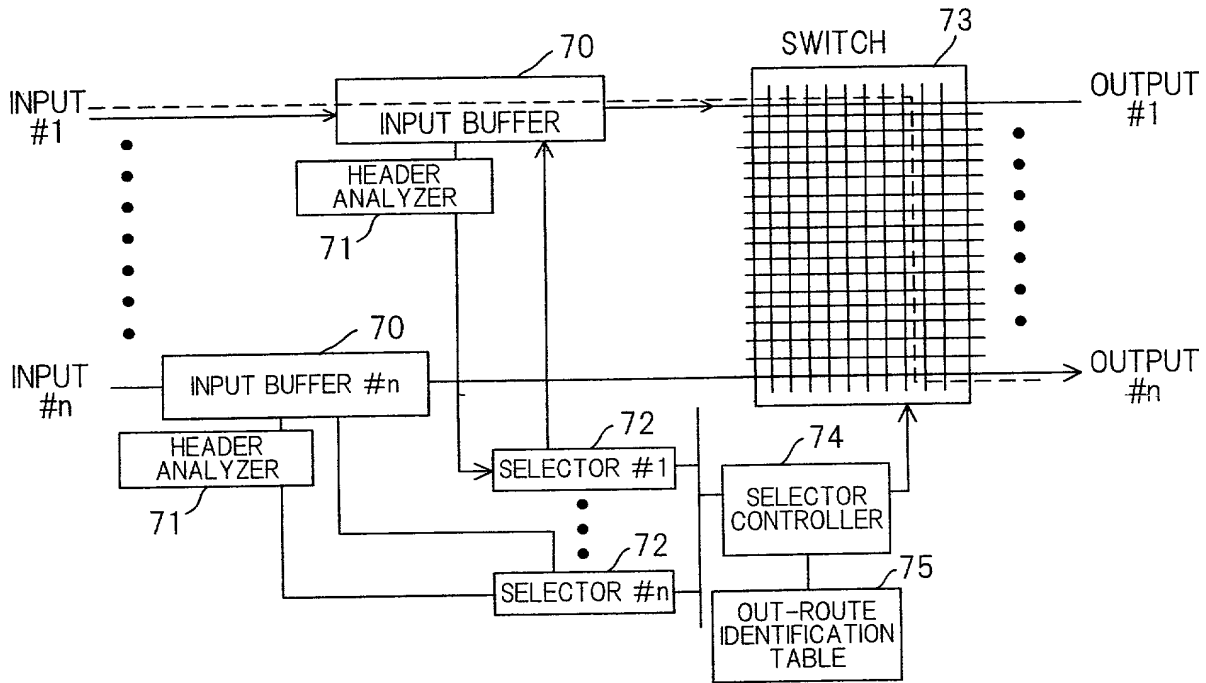
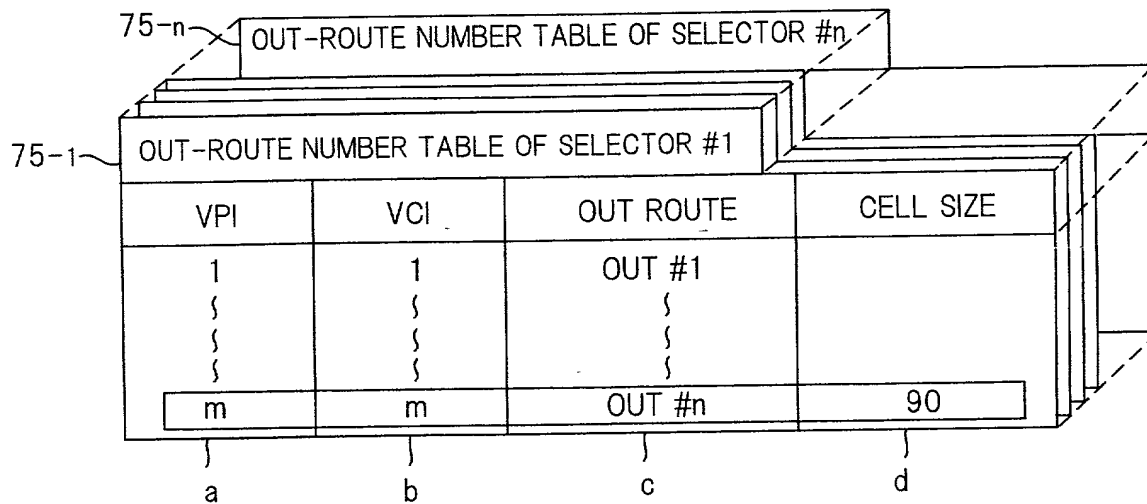
FIG. 7**FIG. 8**

FIG. 9A

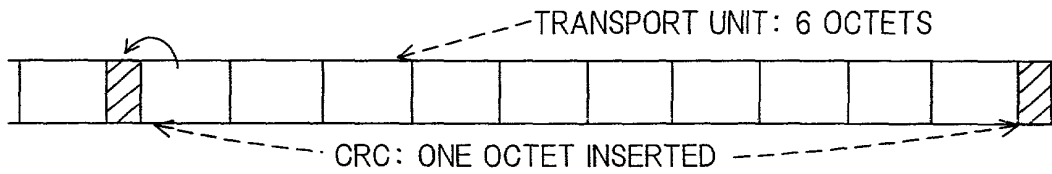


FIG. 9B

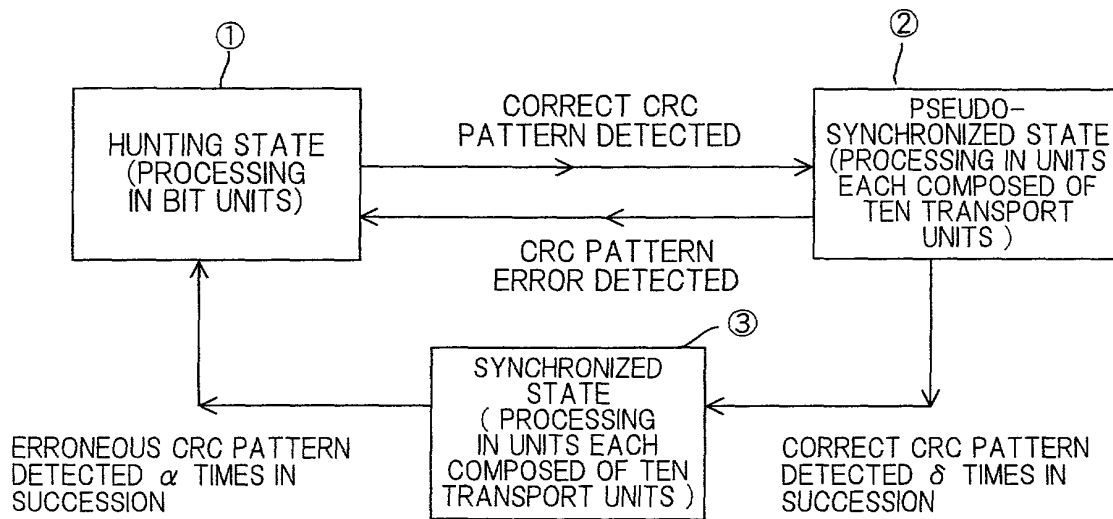


FIG. 10A

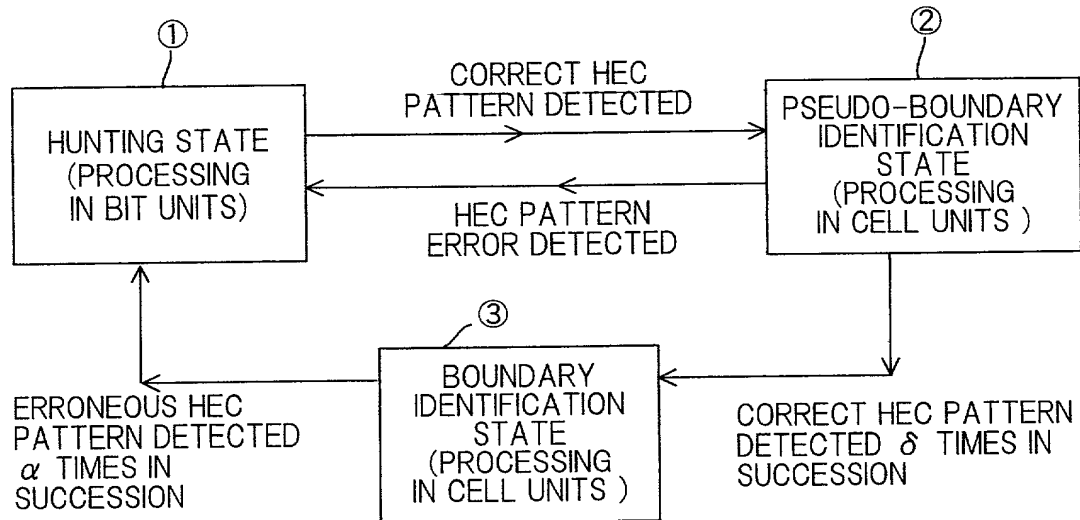


FIG. 10B

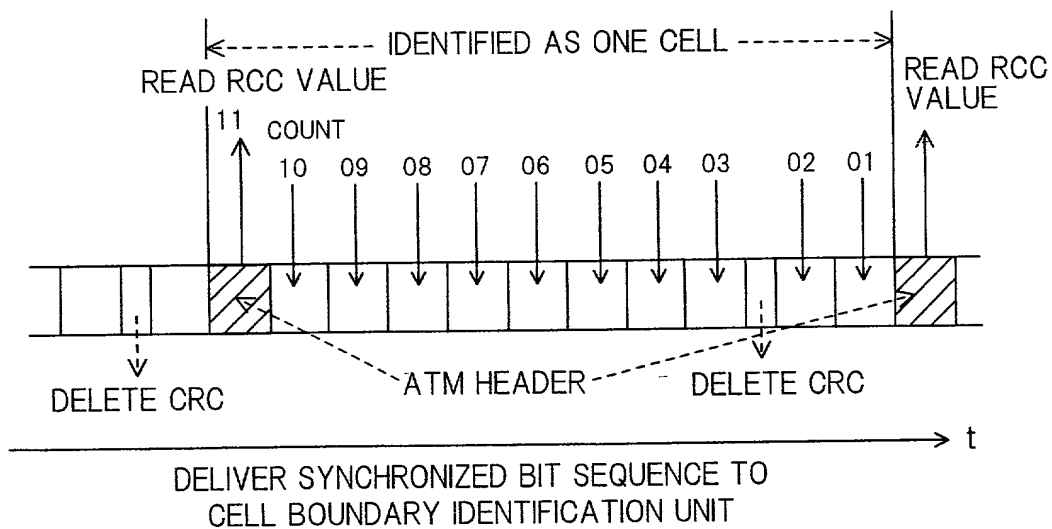


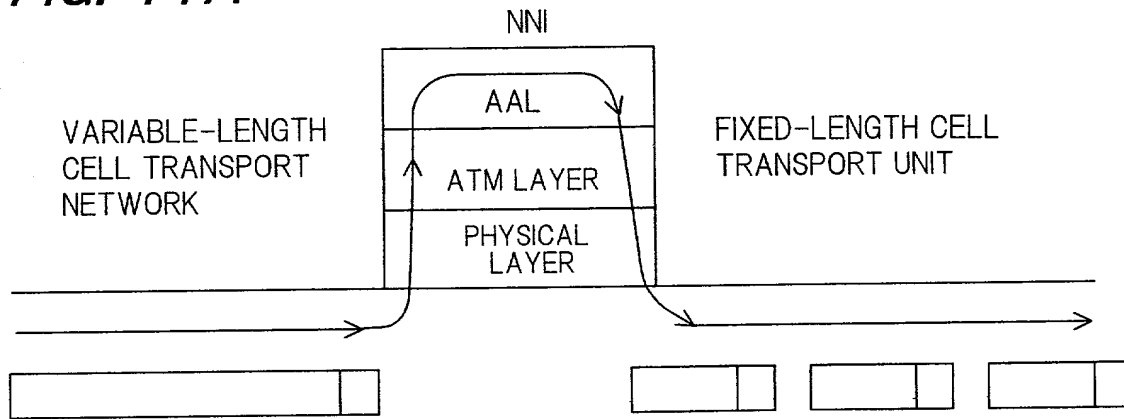
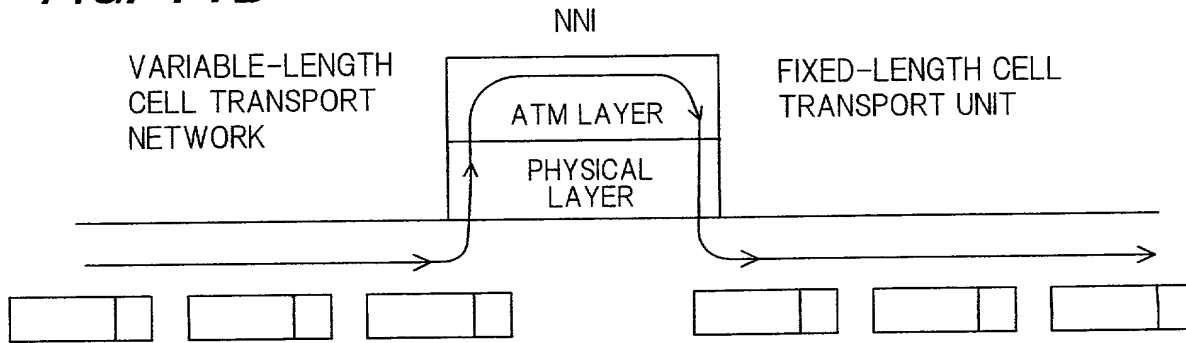
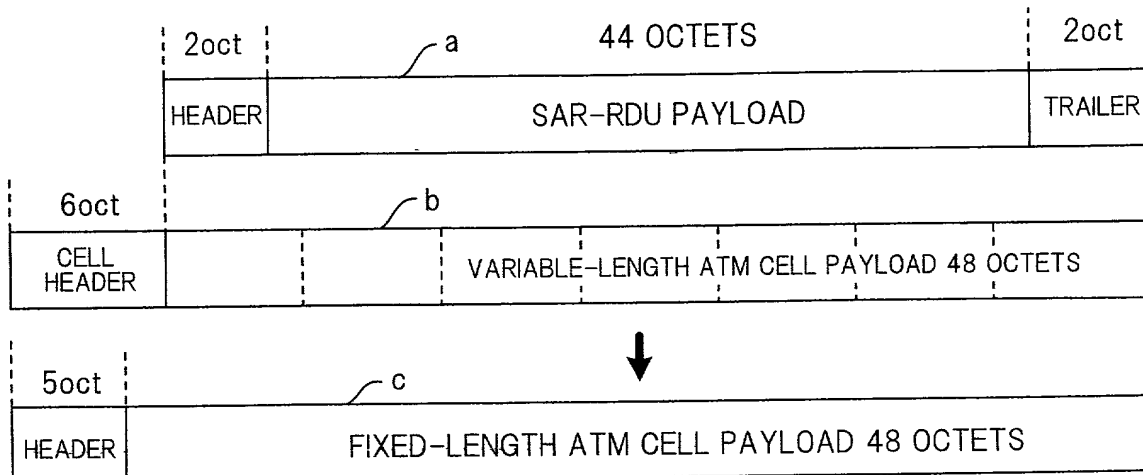
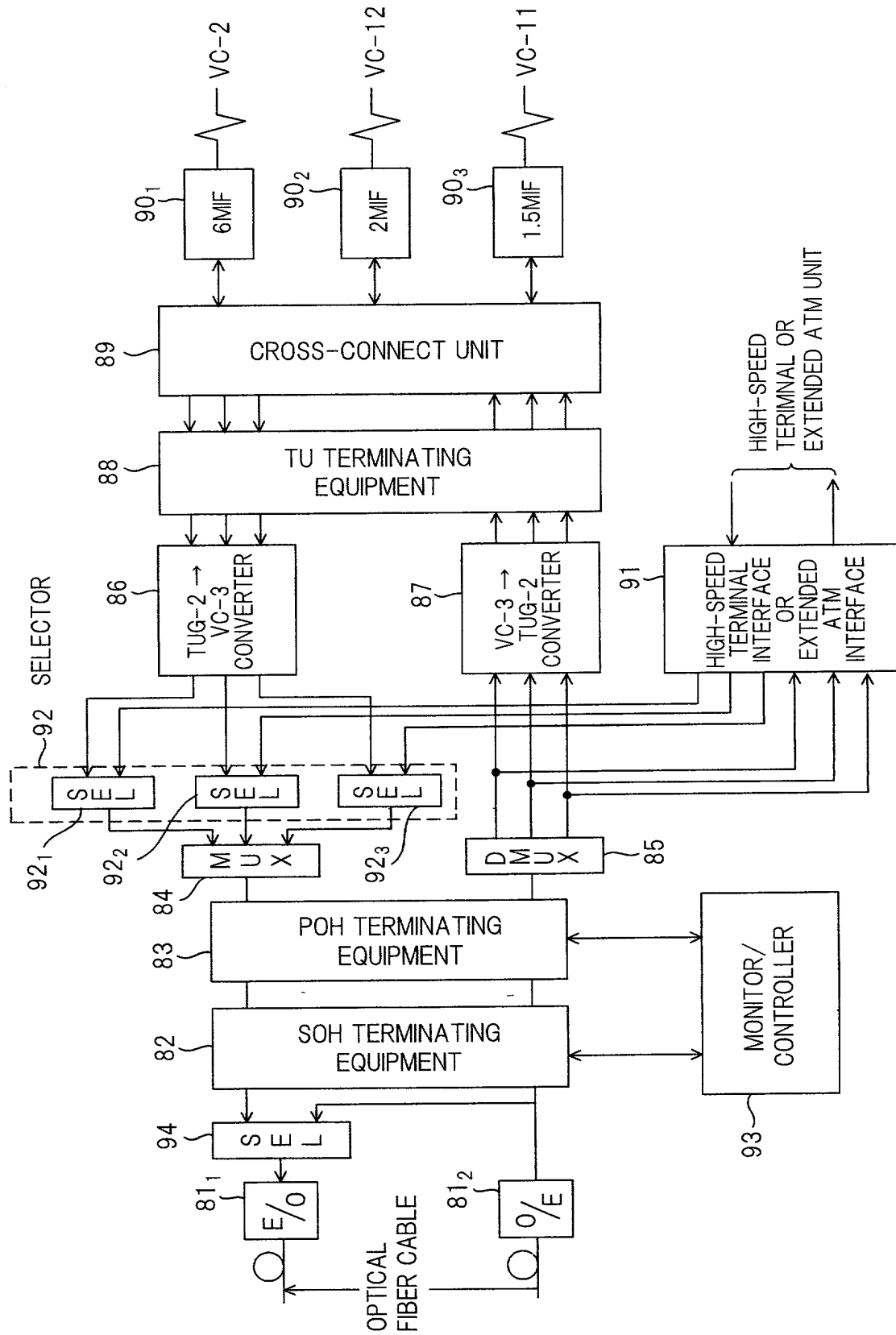
FIG. 11A**FIG. 11B****FIG. 12**

FIG. 13



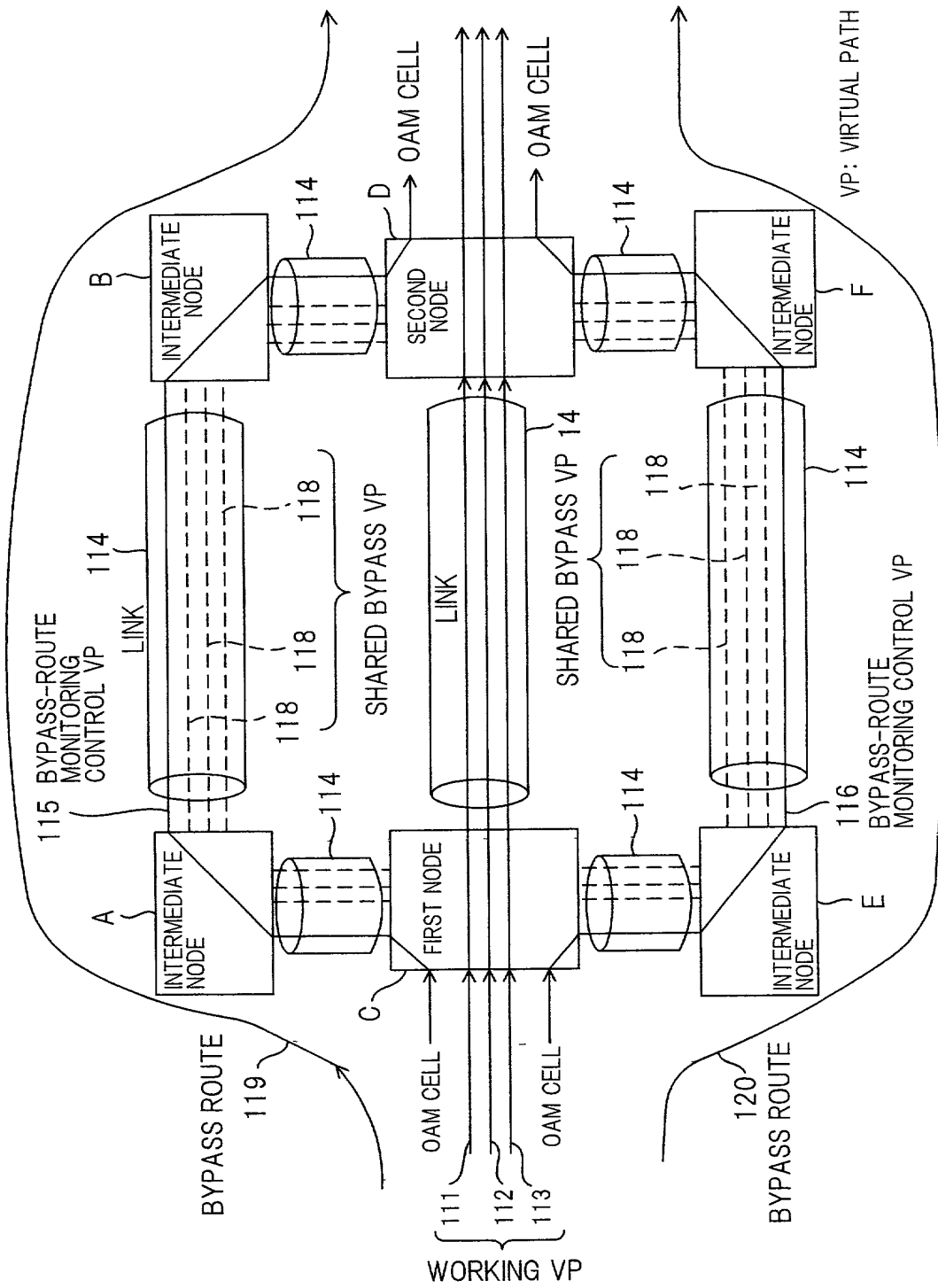


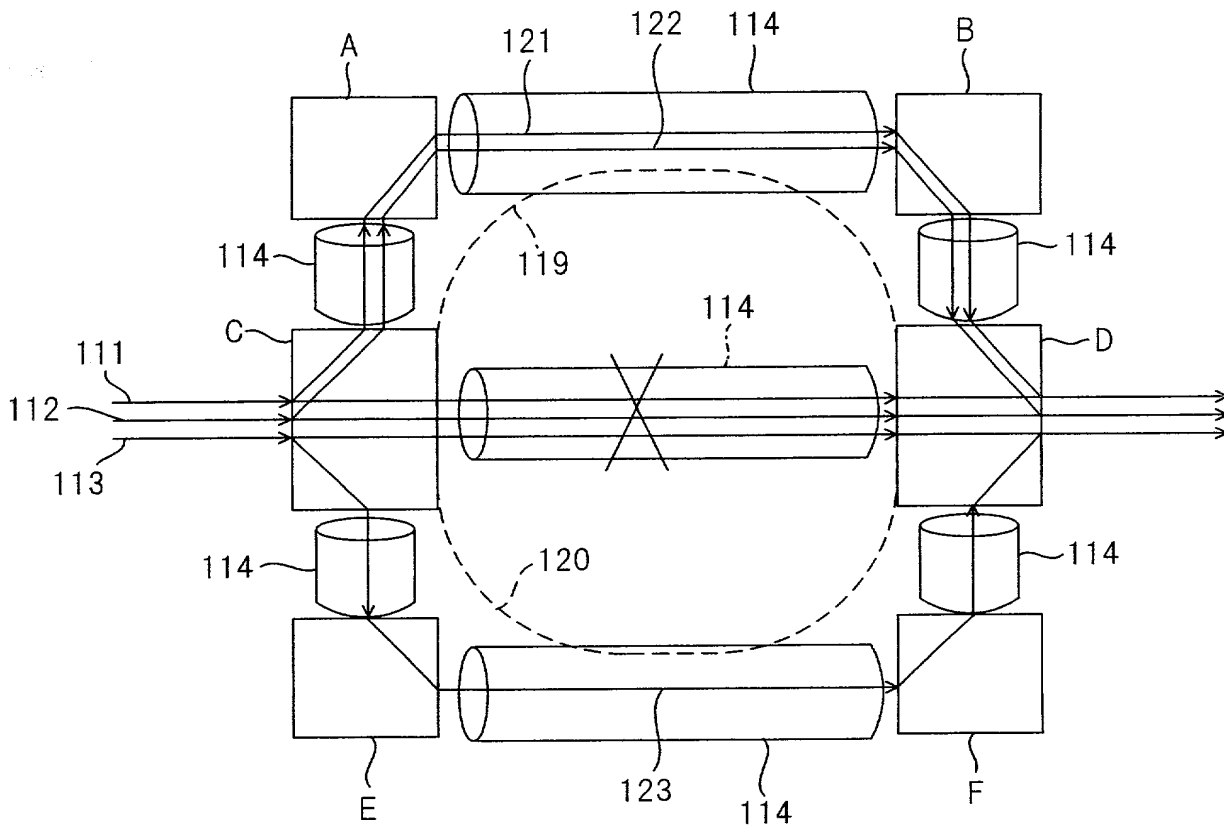
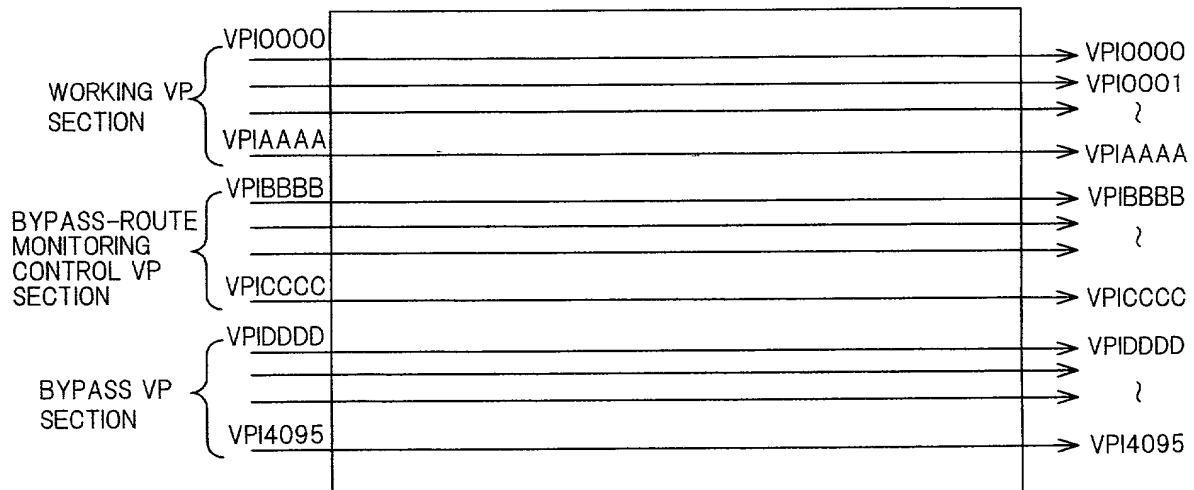
FIG. 15**FIG. 16**

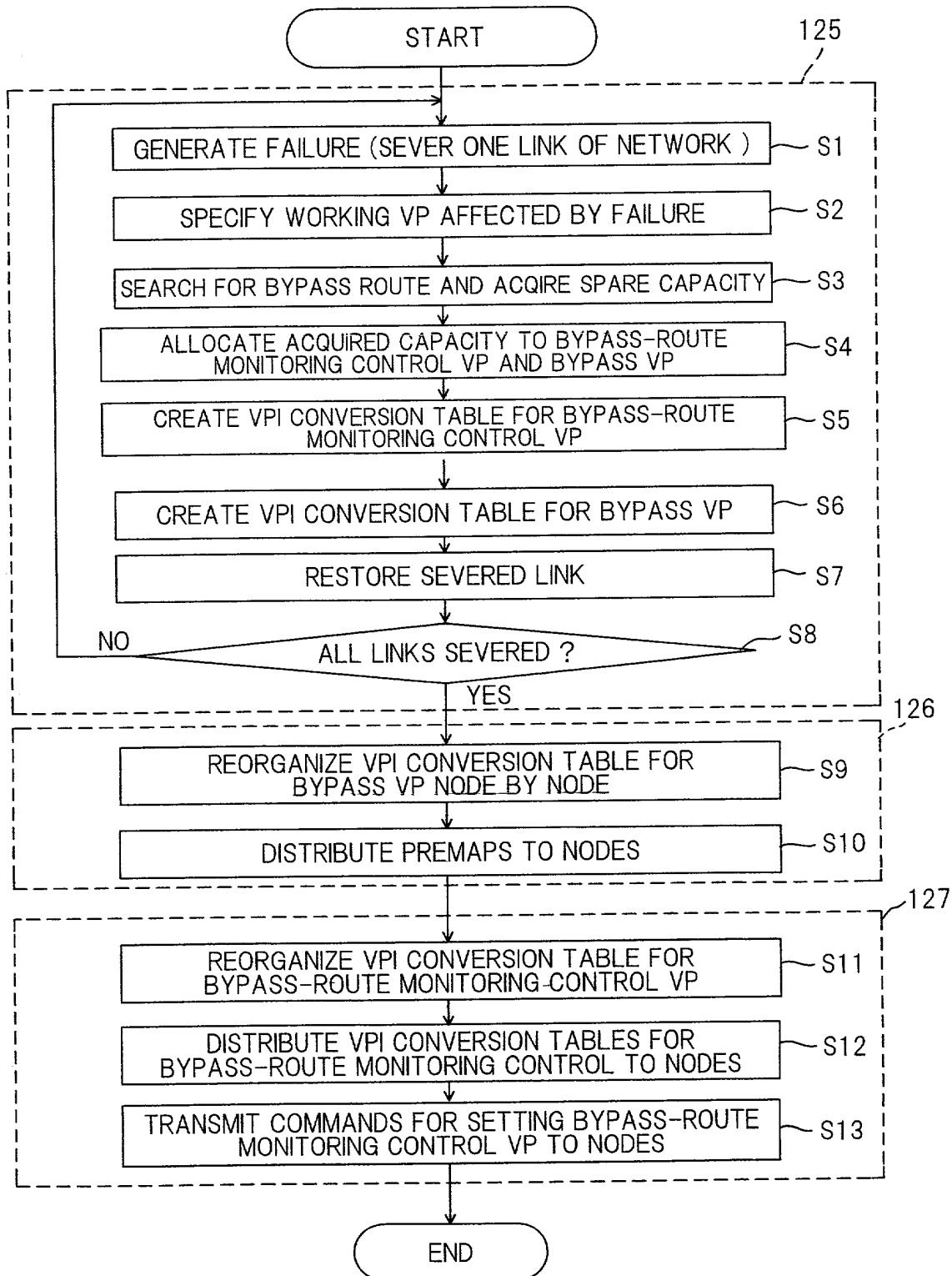
FIG. 17

FIG. 18

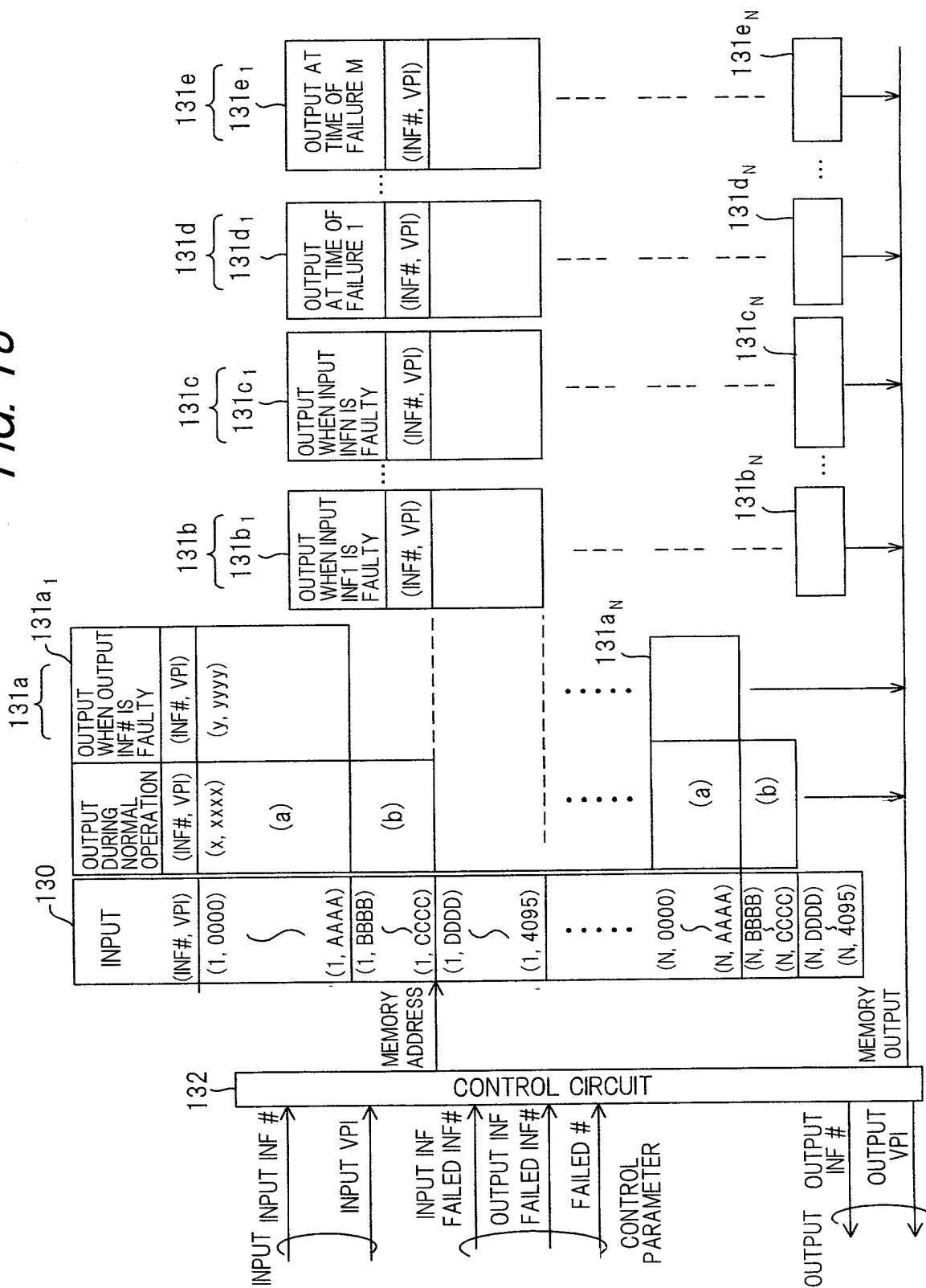


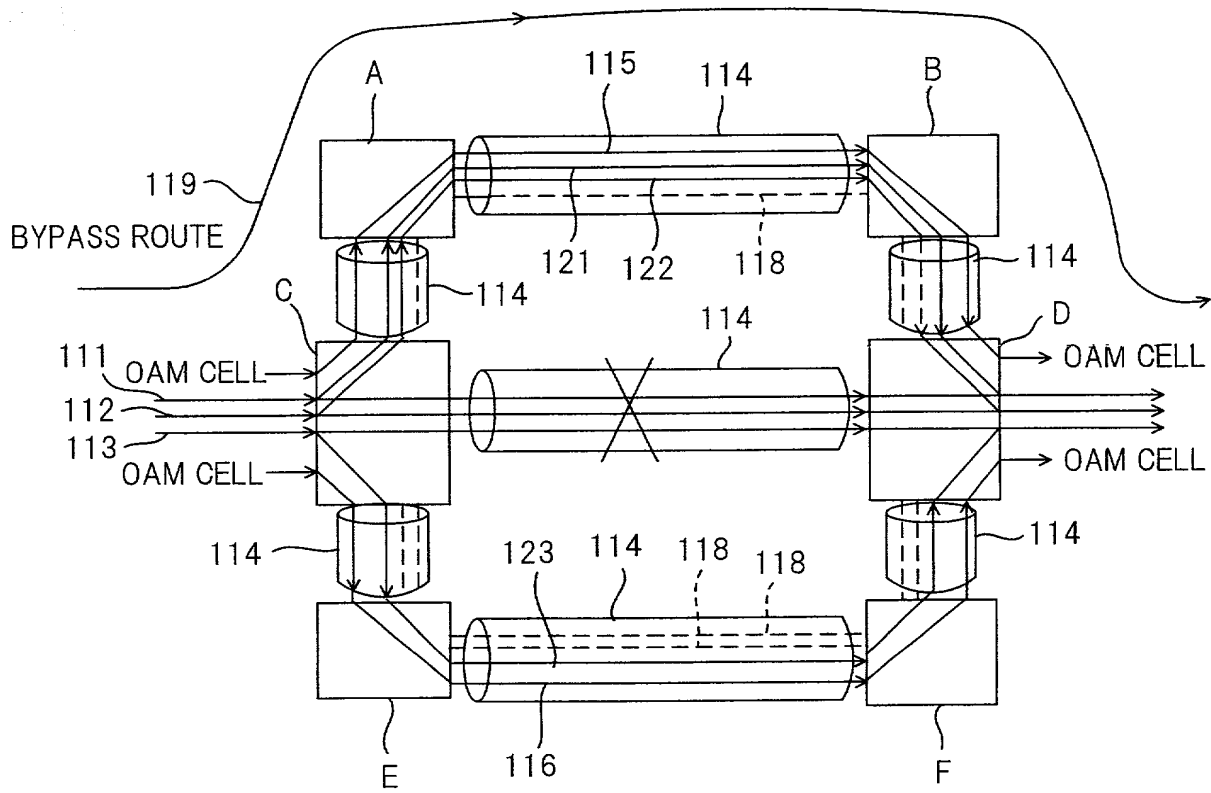
FIG. 19

FIG. 20

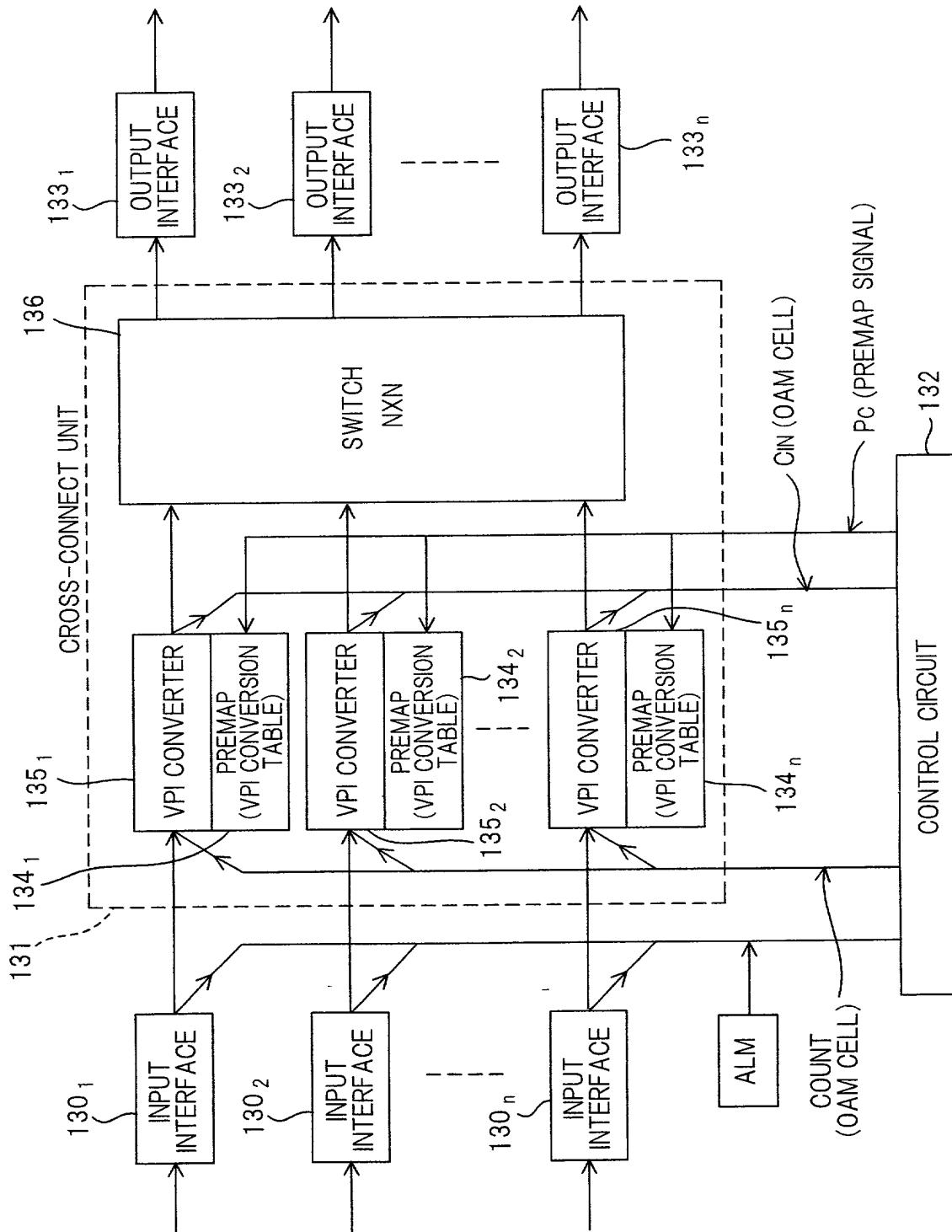


FIG. 21

OS

NODE C

NODE A

NODE B

NODE D

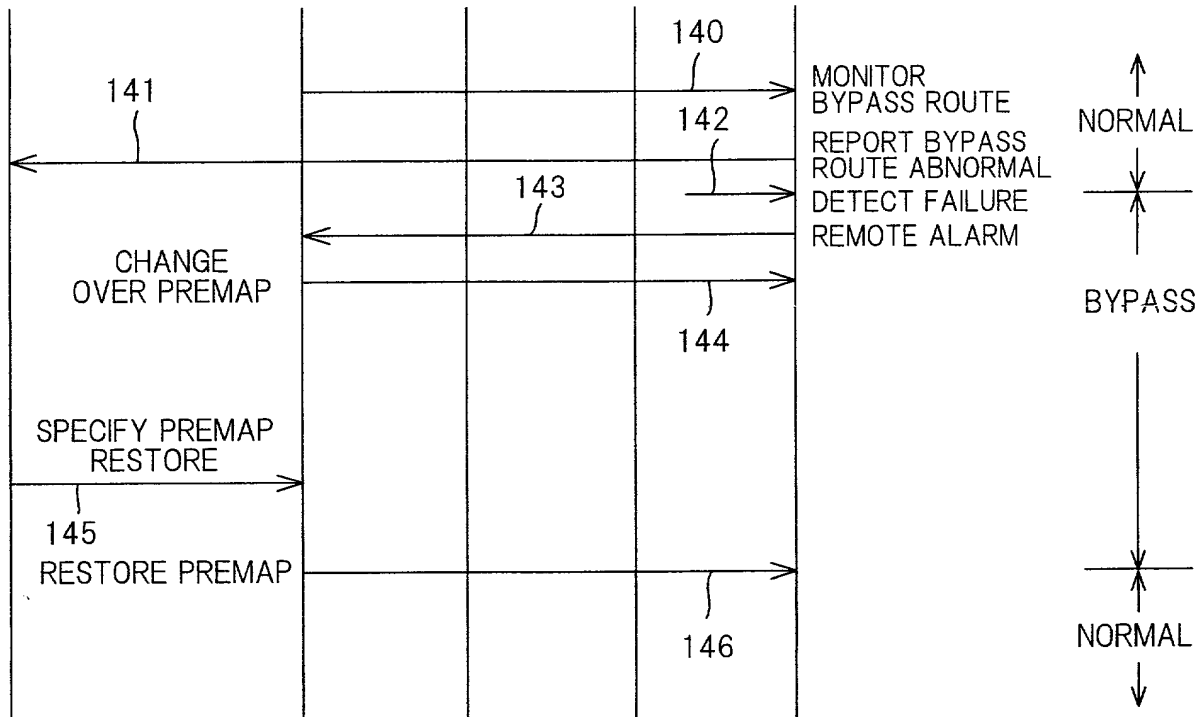


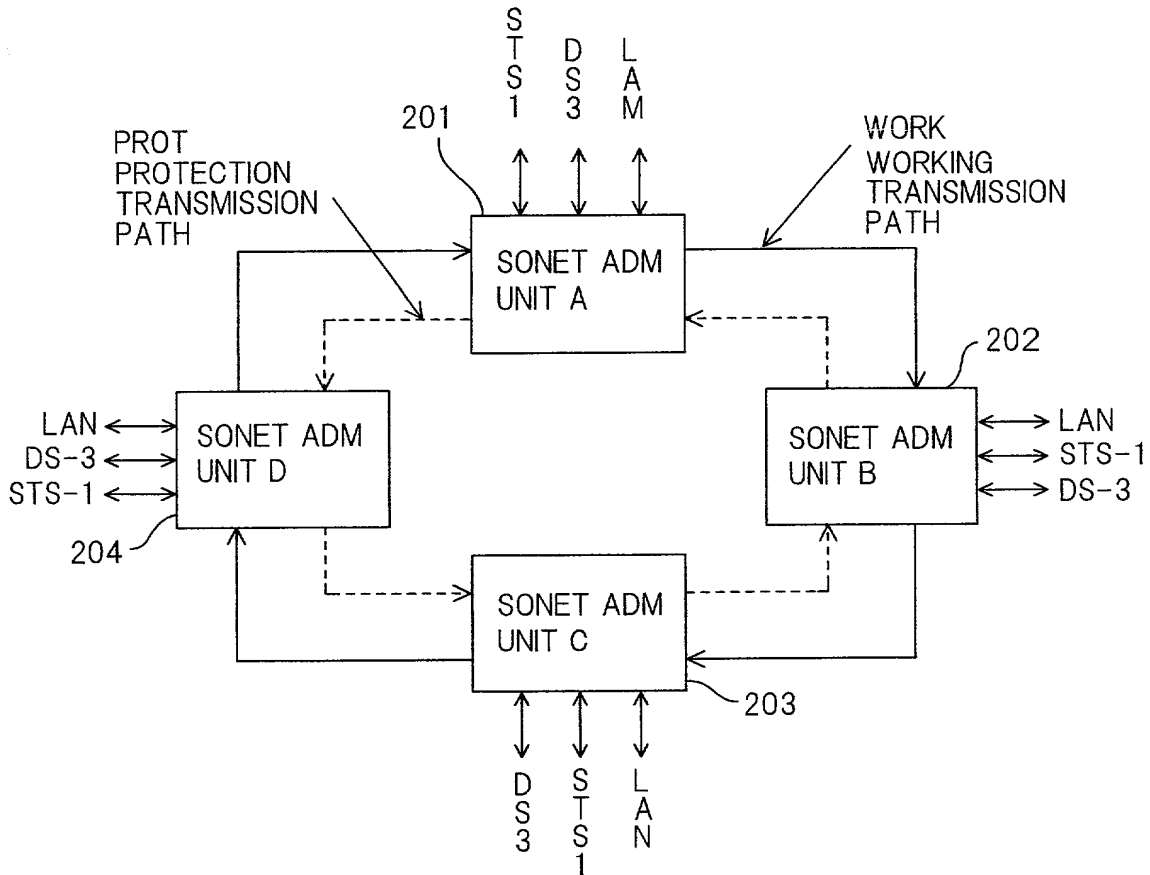
FIG. 22

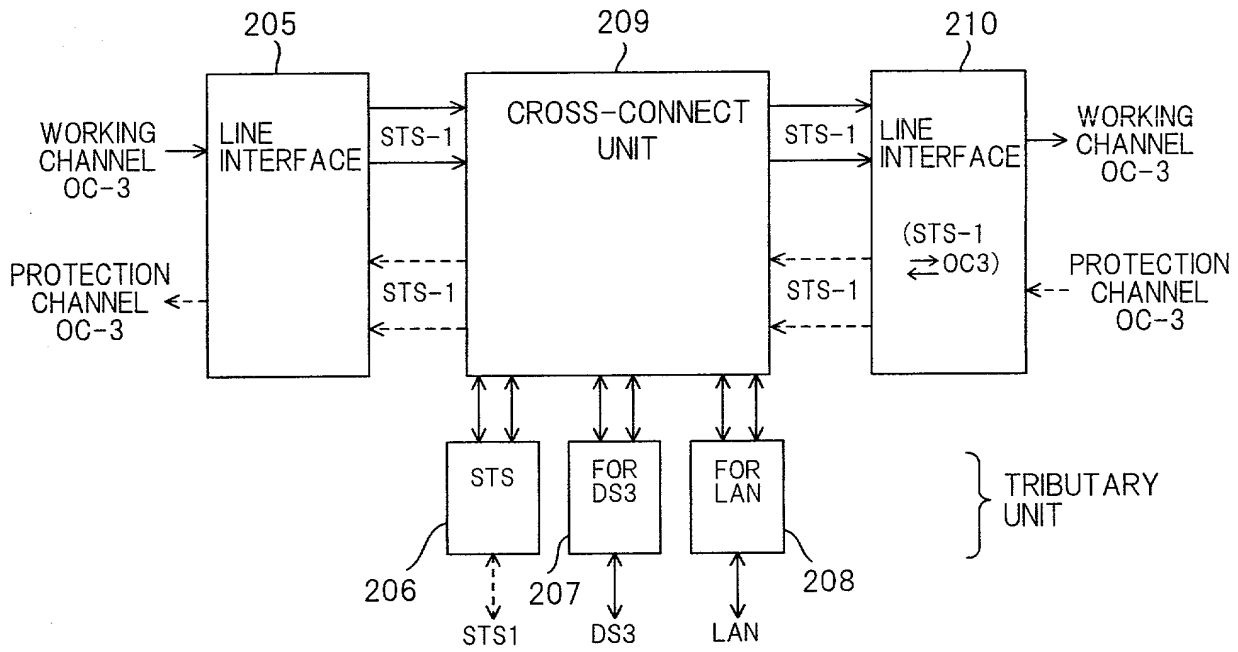
FIG. 23

FIG. 24

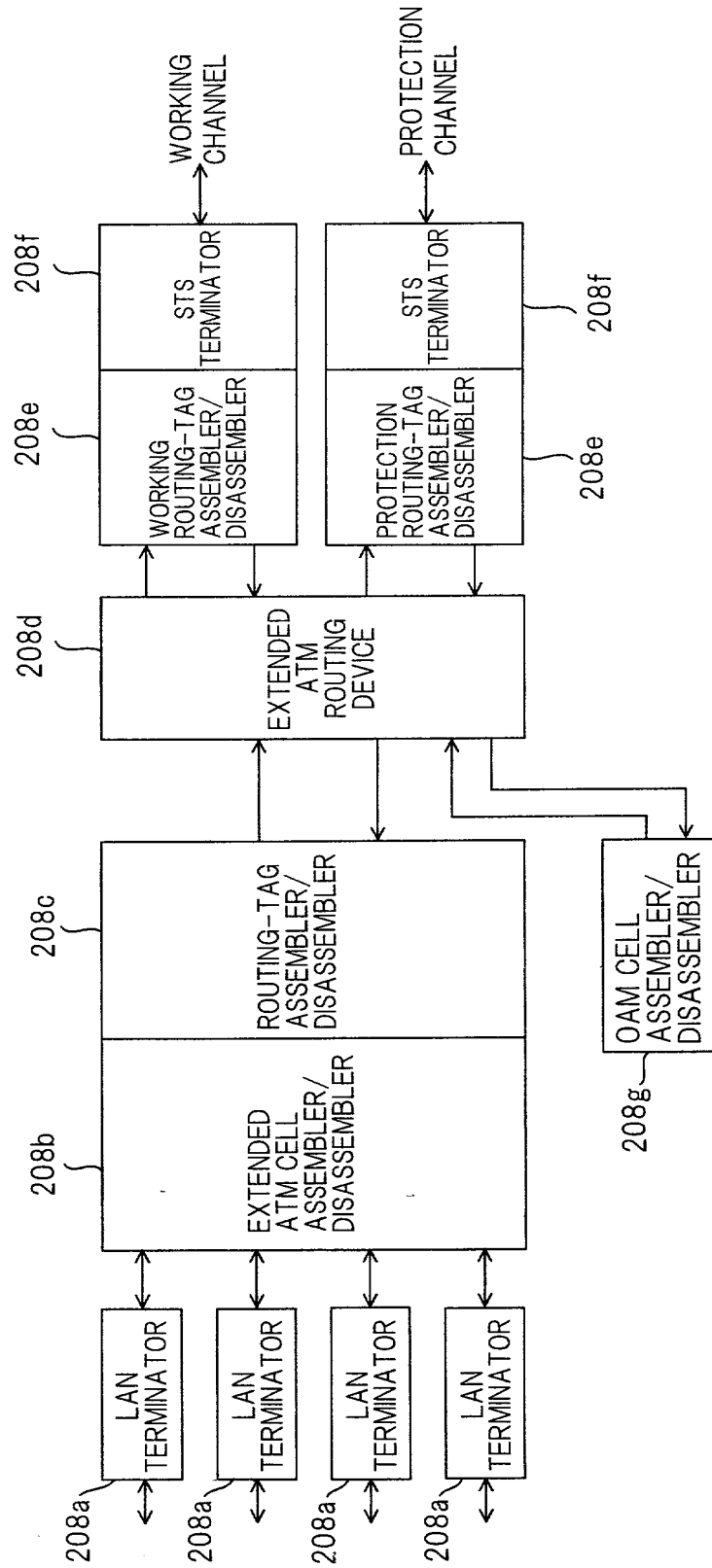


FIG. 25

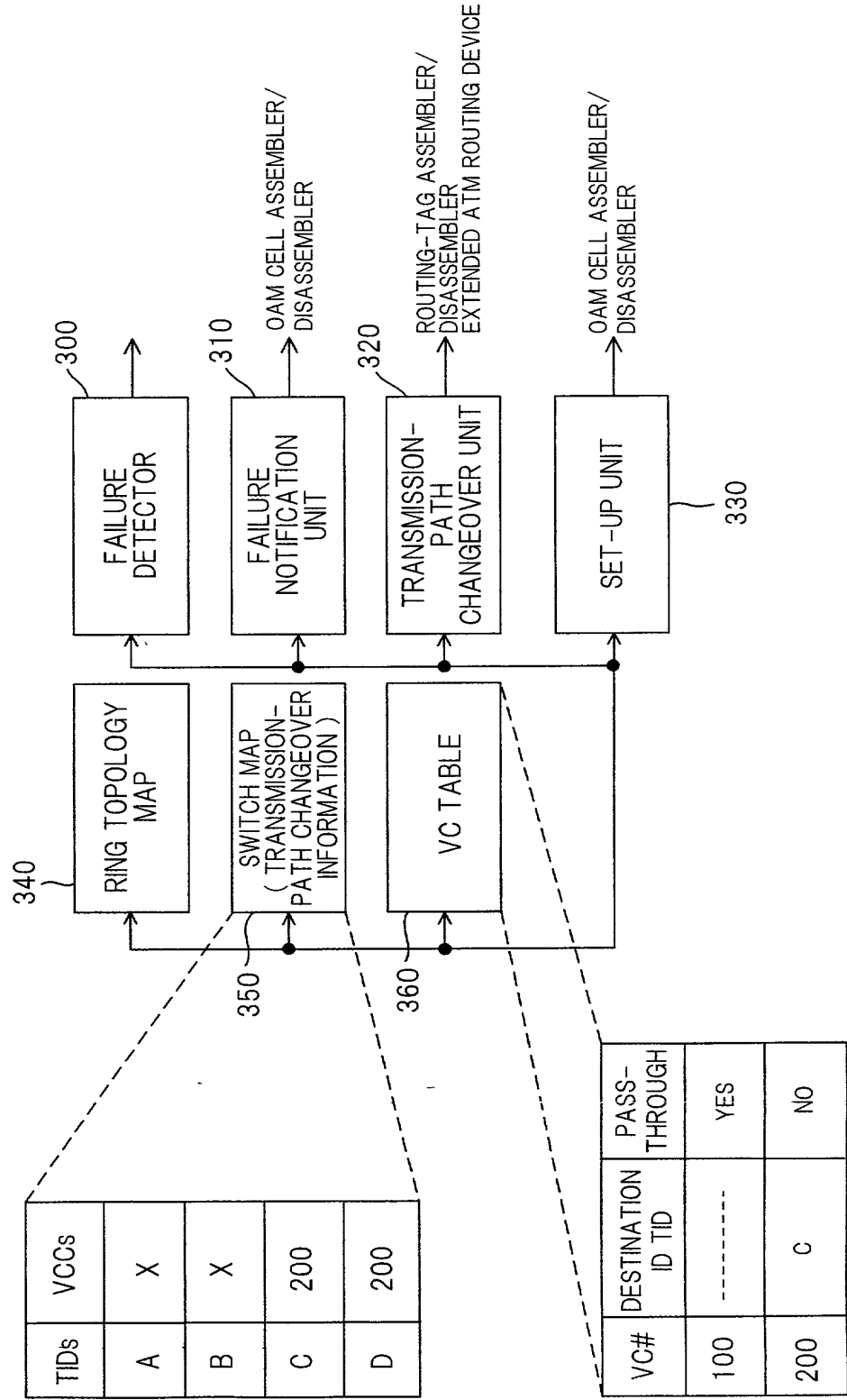


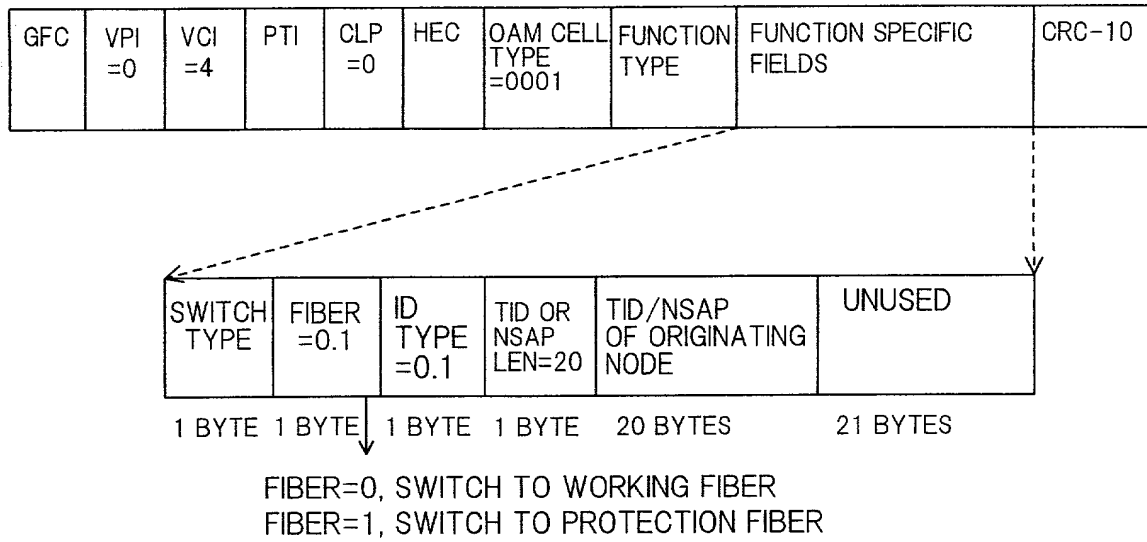
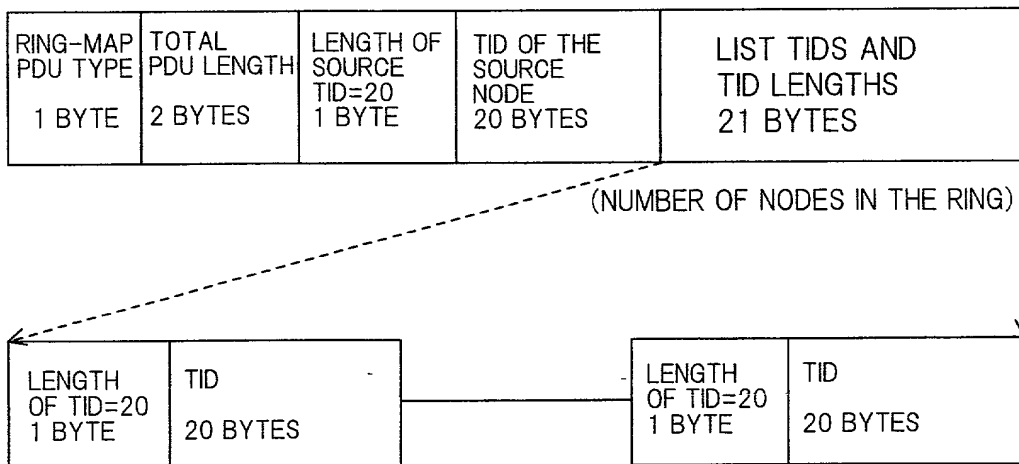
FIG. 26**FIG. 27**

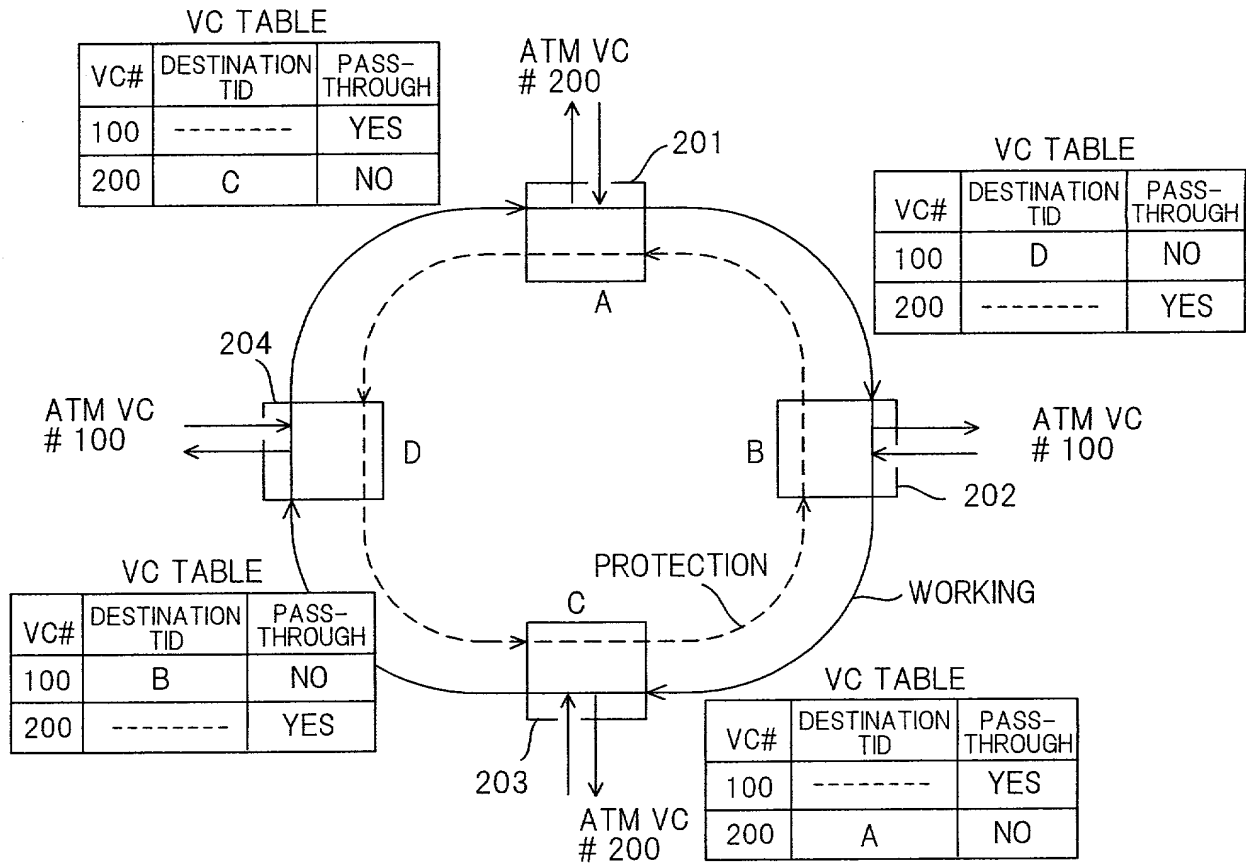
FIG. 28

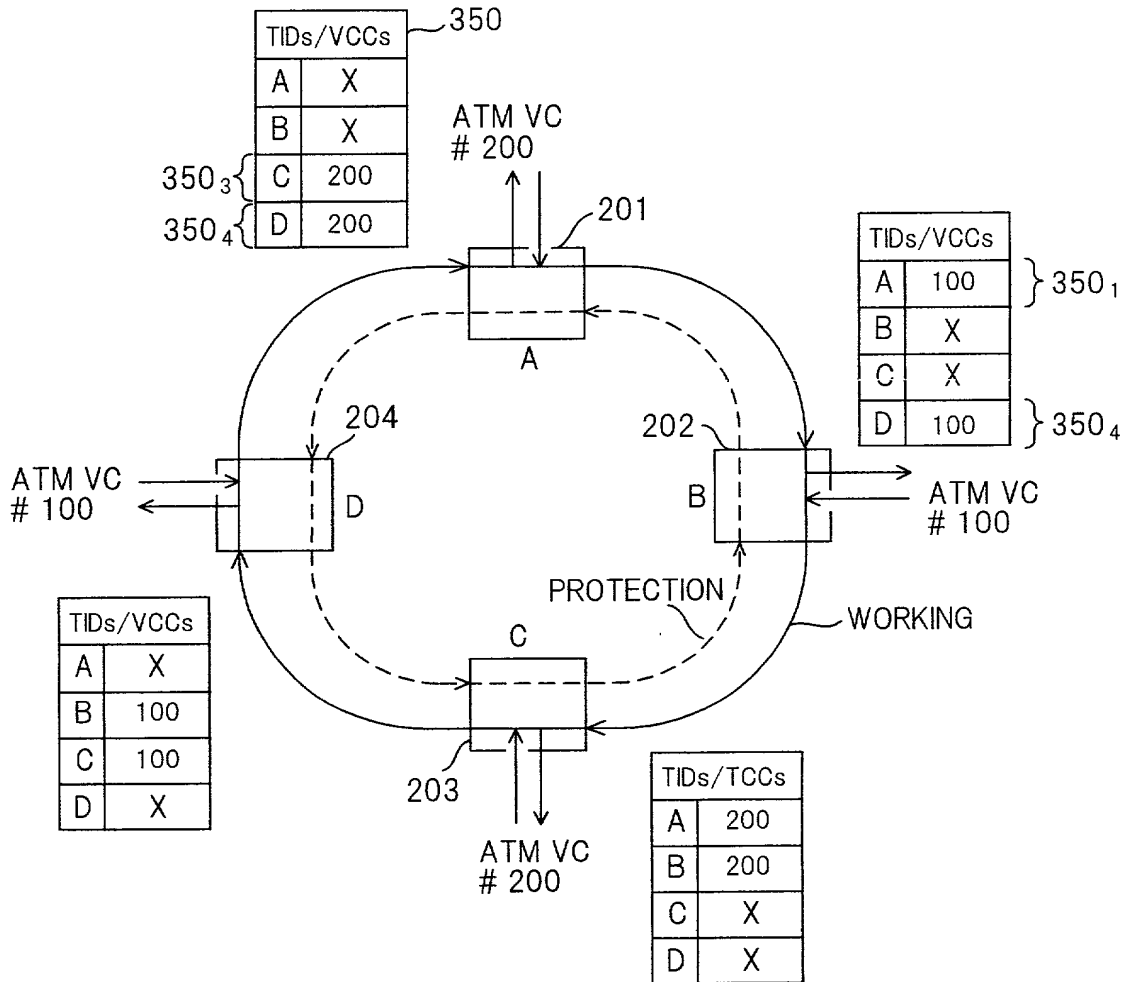
FIG. 29

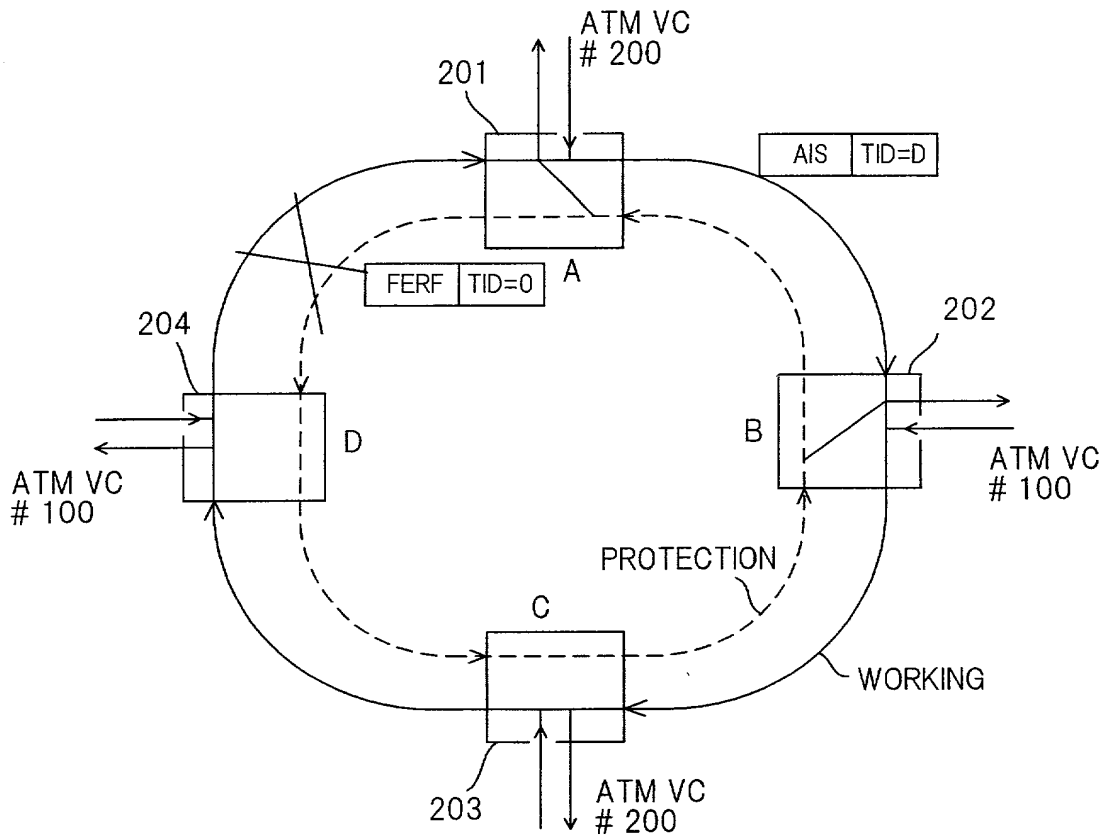
FIG. 30

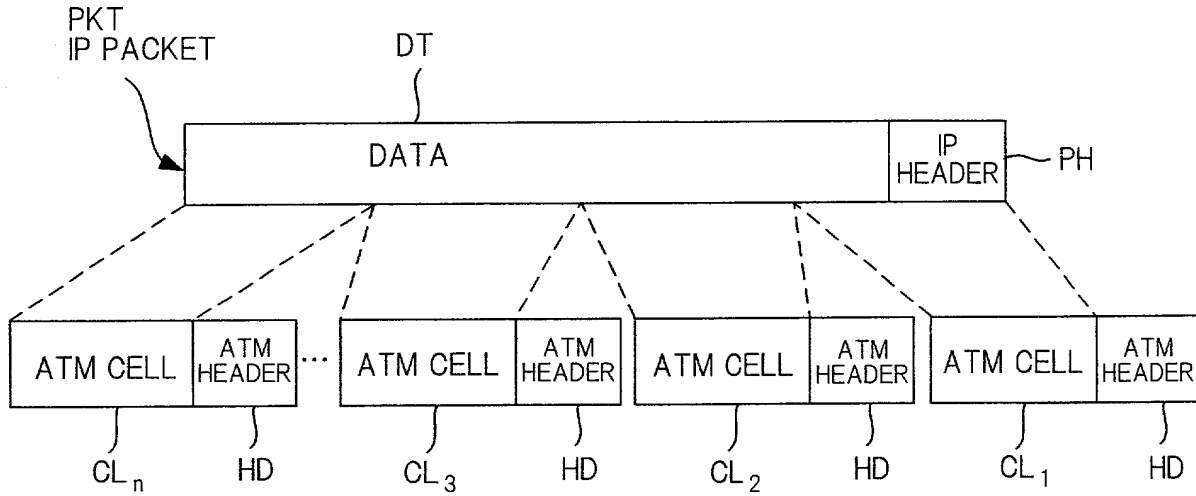
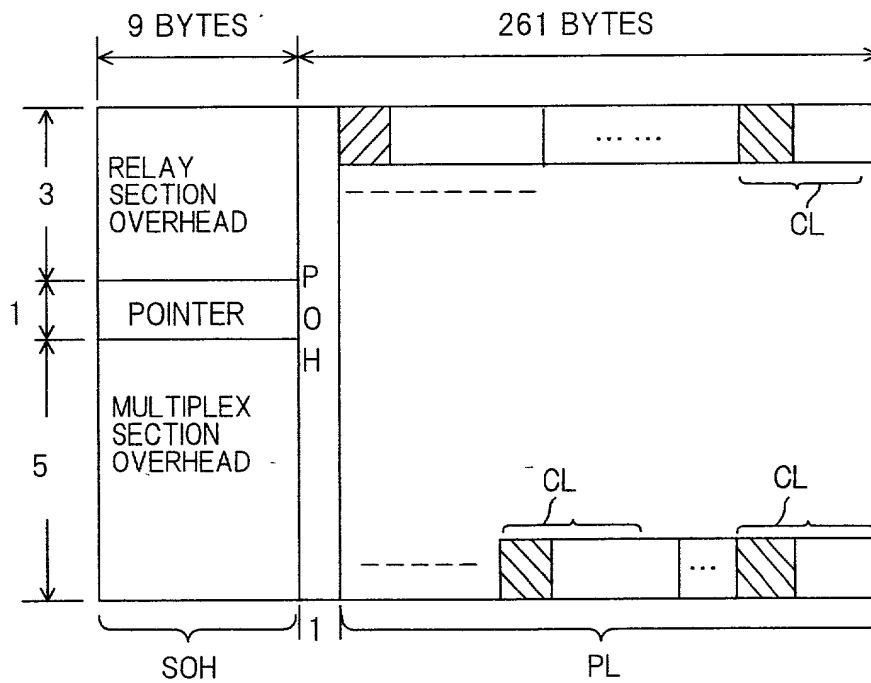
FIG. 31 PRIOR ART**FIG. 32 PRIOR ART**

FIG. 33 PRIOR ART

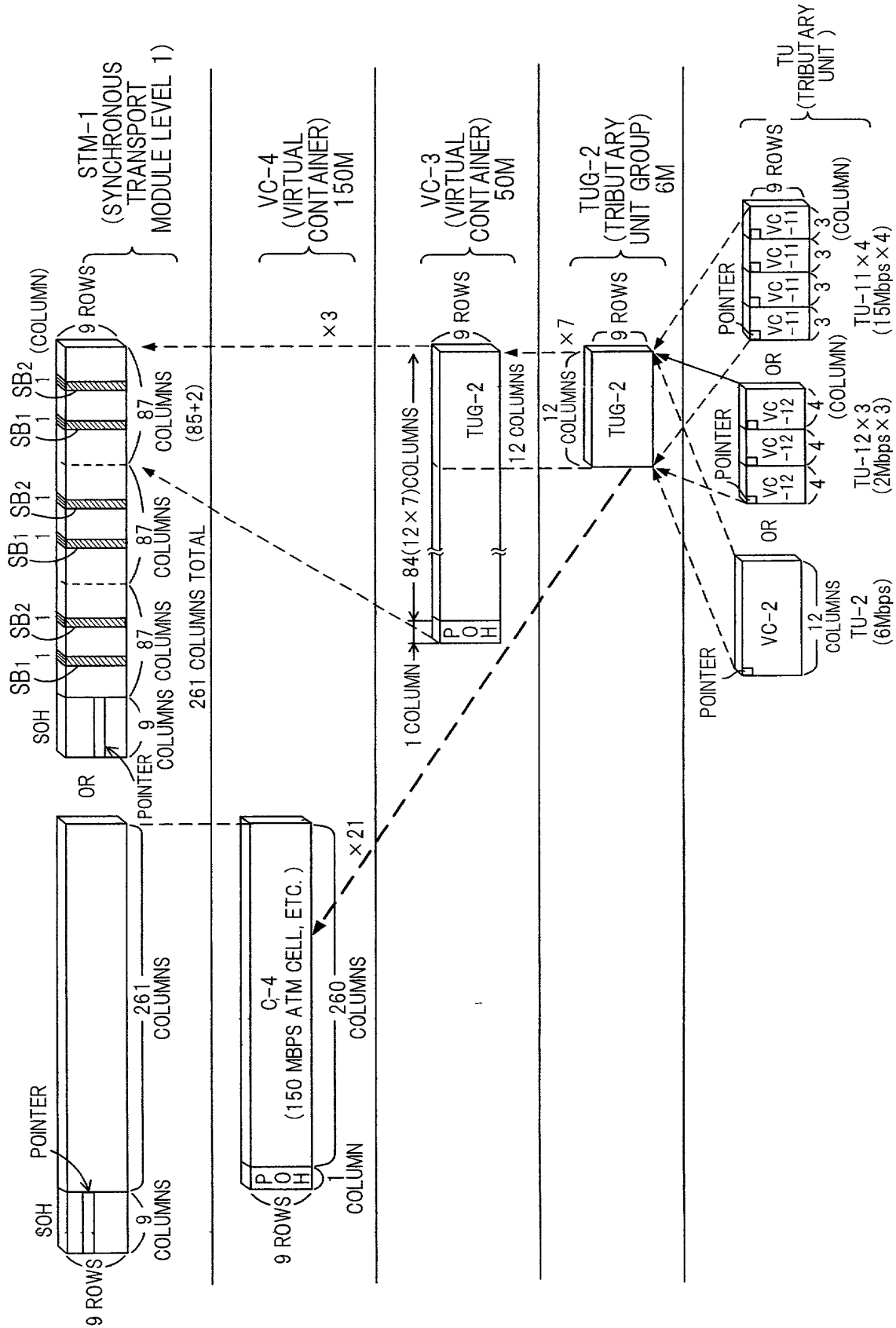


FIG. 34 PRIOR ART

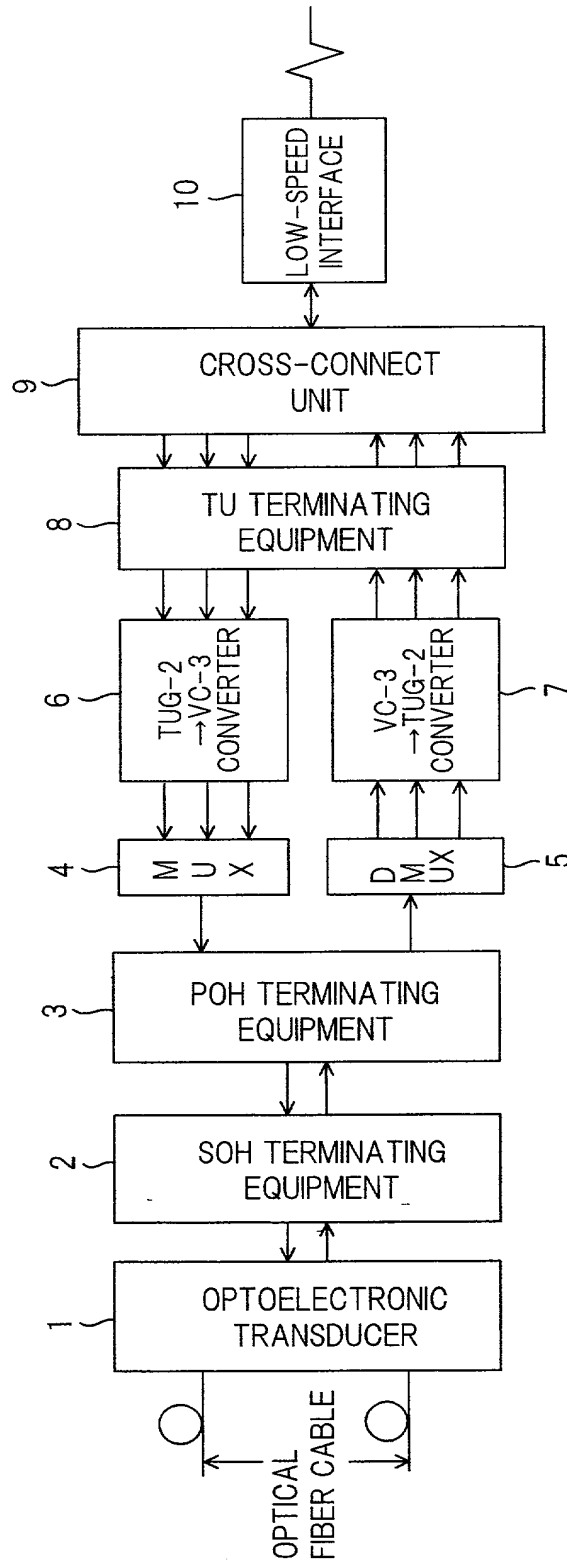


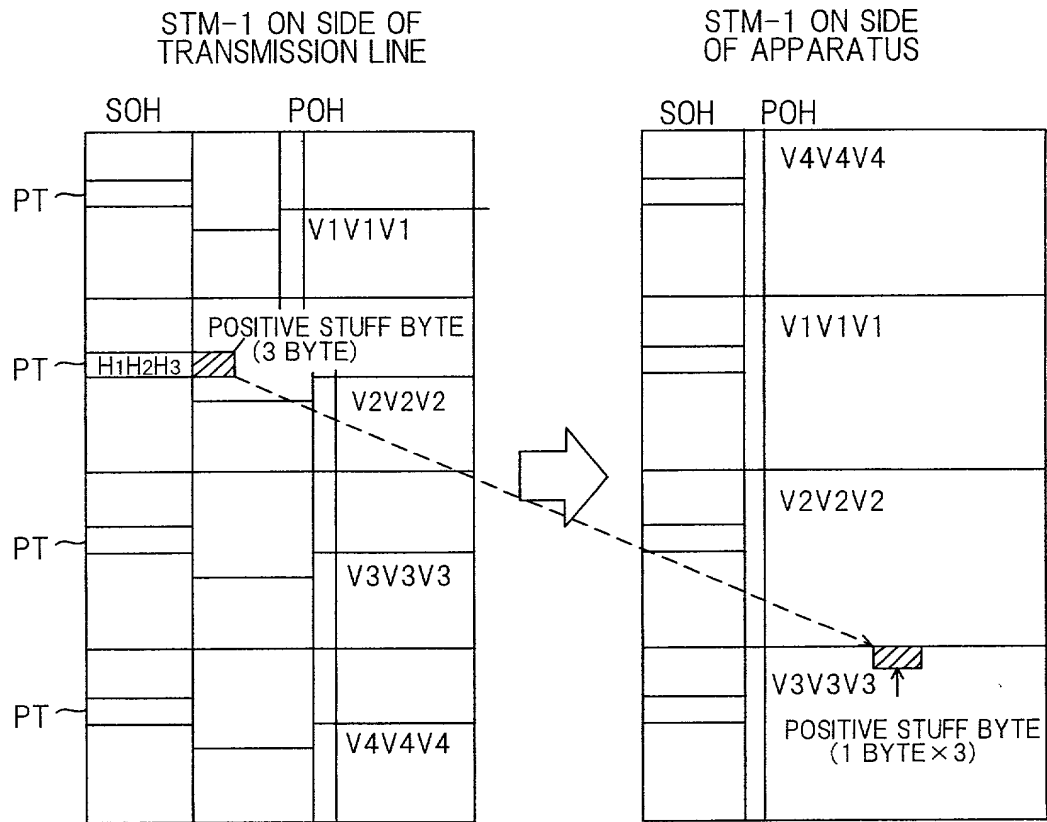
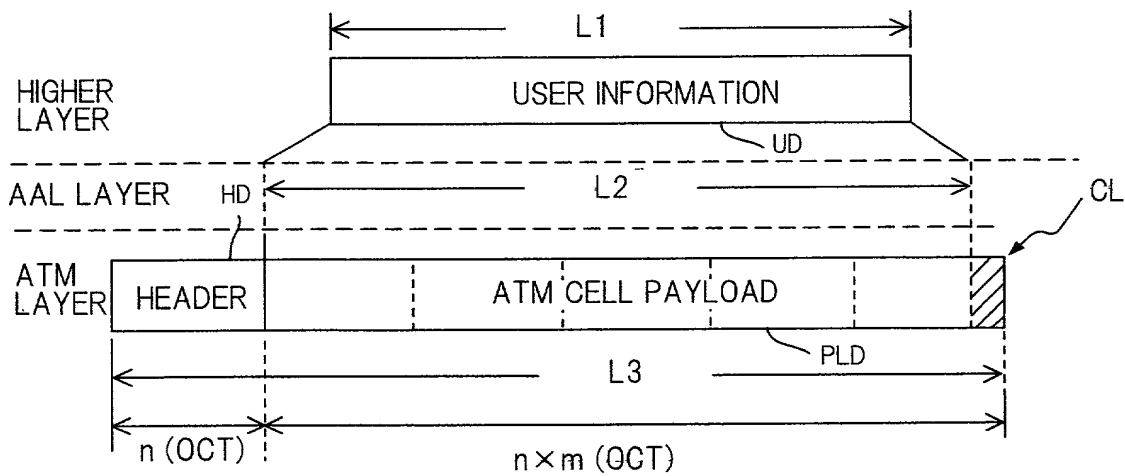
FIG. 35 PRIOR ART**FIG. 36 PRIOR ART**

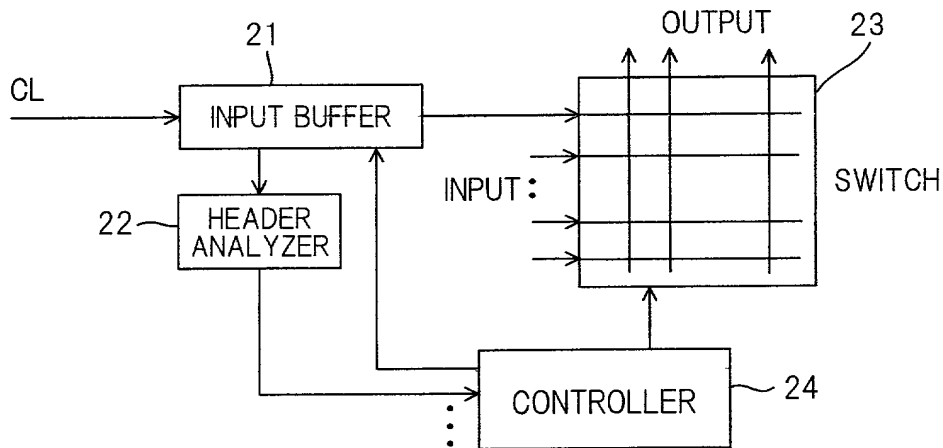
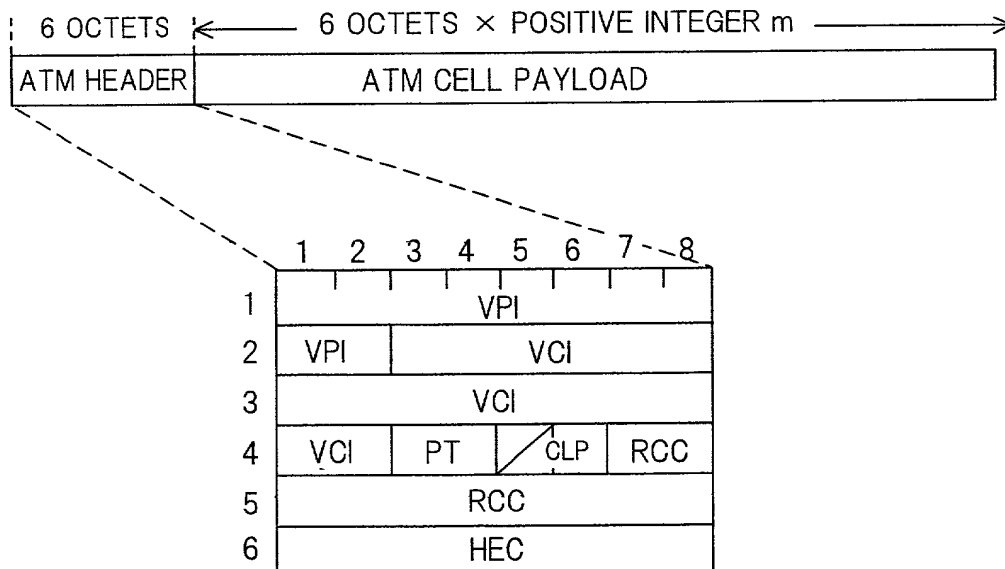
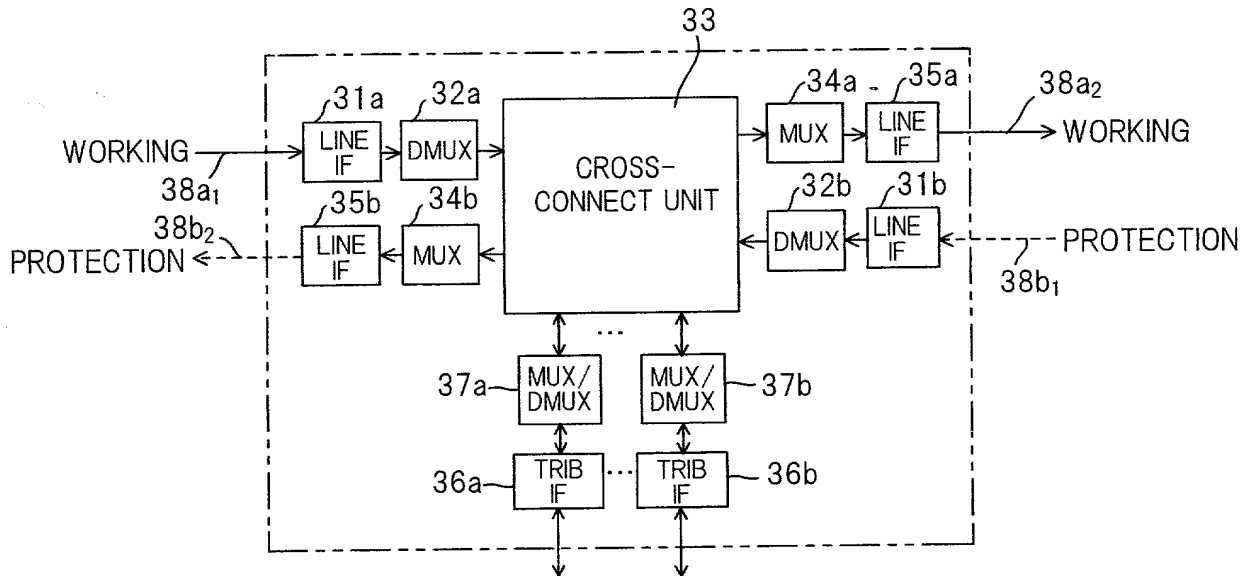
FIG. 37 PRIOR ART*FIG. 38 PRIOR ART*

FIG. 39 PRIOR ART**FIG. 40 PRIOR ART**